

Claims

1. In a method for retracting sulcus in the mouth of a patient, comprising molding a dental impression of the patients mouth with a curable composition; removing the mold; applying a silicone material to the adjacent area between tooth and gingiva and reapplying the mold to the mouth of the patient, the improvement wherein the silicone material is a curable silicone material which expands when it cures thereby retracts the sulcus.
2. The method according to claim 1, wherein the silicone material is selected from silicone materials that expand at least 20% during curing .
3. The method according to claim 2, wherein the silicone material expands at least 30%.
4. The method according to claim 1, wherein at least one hemostatic compound is applied to the area adjacent between tooth and gingiva prior to the application of the silicone material.
5. The method according to claim 1, wherein the mold is prepared such that the mold is capable of being held in place by the opposing row of teeth.
6. The method according to claim 1, wherein a curable molding mass consists of a system of at least one silicone compound and a catalyst for initiating the curing reaction.
7. The method according to claim 1, wherein the expanding silicone material comprises at least one silicone compound crosslinkable by an addition reaction.
8. The method according to claim 4, wherein the hemostatic compound is selected from the group consisting of potassium aluminum sulfate, aluminum sulfate, aluminum iron sulfate, aluminum ammonium sulfate, iron chloride, aluminum chloride, sodium chlorid, zinc chloride, zinc phenol sulfate, tannic acids, adrenalin and mixtures thereof.
9. The method according to claim 1, wherein the expanding silicone material comprises a hemostatic compound.
10. The method according to claim 9, wherein the hemostatic compound is at least one tannic acid.
11. The method according to claim 1, wherein a cord is embedded in the expandable silicone compound after the application of the silicone material.
12. The method according to claim 1, wherein a cord is placed to the area between tooth and gingiva prior to the application of the expandable silicone material.

13. The method according to claim 1, wherein the mold is prepared from an addition crosslinkable silicone compound and wherein the mold is free of a molding release agent.
14. Dental kit suitable for a retraction of sulcus, comprising a curable molding mass for a preparation of a mold, preferably a dental impression and at least one curable silicone compound, wherein during curing reaction the silicone compound comprises a volume expansion of at least 20% as compared to the original volume of the non-cured compound.
15. Dental kit according to claim 14, wherein the volume expansion comprises at least 35% as compared to the original volume of the non-cured compound.
16. Dental kit according to claim 14, wherein the kit comprises a hemostatic compound.
17. Dental kit according to claim 14, wherein the curable molding mass comprises at least one additional silicone compound and a curing catalyst.
18. Dental kit according to claim 14, wherein the curable and expandable silicone compound is selected from the group of silicones crosslinkable by addition reactions.
19. Dental kit according to claim 18, wherein the silicone compound comprises a hemostatic compound.
20. Dental kit according to claim 19, wherein the hemostatic compound is at least one tannic acid.
21. A method for retracting sulcus comprising applying a silicone material to the adjacent area between tooth and gingiva; and arranging at least one cotton roll on the applied silicone material,
wherein the silicone material is selected from compounds which are capable of expanding at or during the curing reaction.
22. The method according to claim 21, wherein the silicone material expands at least 20% during the curing reaction.
23. The method according to claim 21, wherein the expanding silicone material comprises at least one silicone compound crosslinkable by an addition reaction.